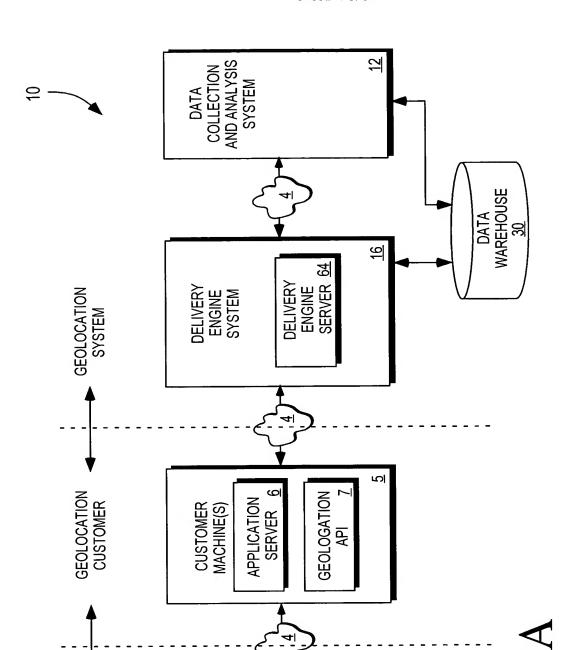
Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On Logged Query Information
1st Named Inventor: Mark Anderson
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INTERNET USER MACHINE

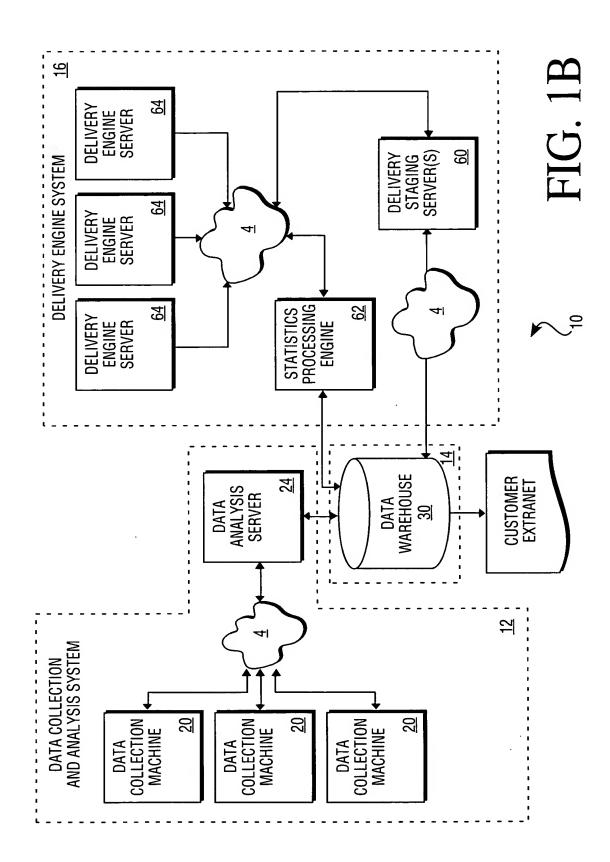
BROWSER

INTERNET USER

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On

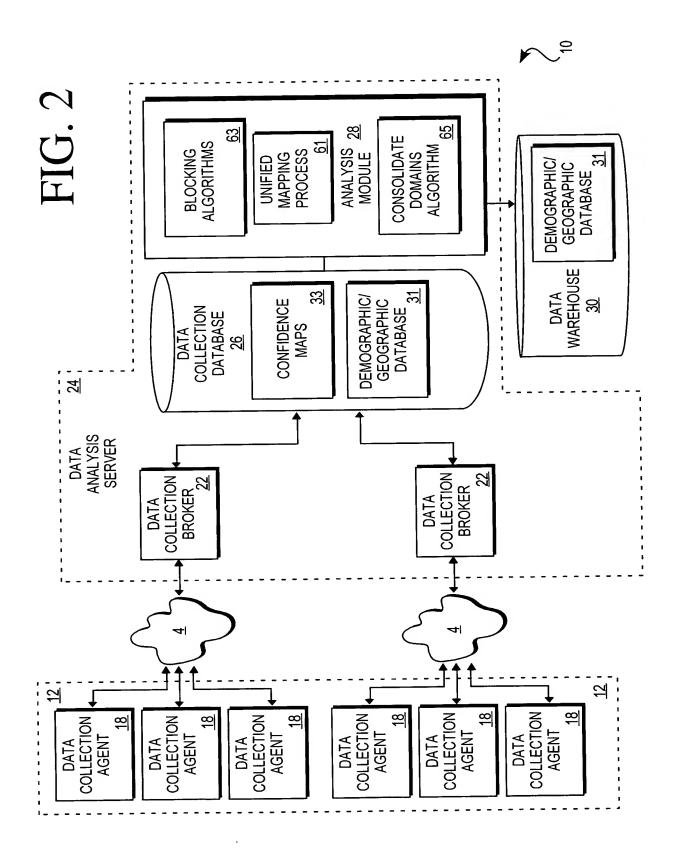
Docket No.: 4714P001C

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Blakely, Sokoloff, Taylor & Zafman LLP

1st Named Inventor: Mark Anderson

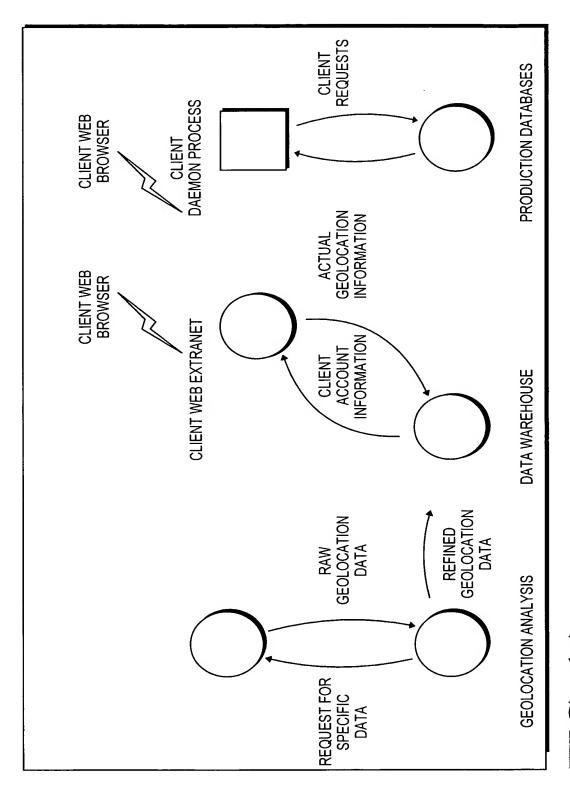
Logged Query Information

Title: Method and System to Modify Geolocation Activities Based On

(408) 947-8200

FIG 3

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1st Named Inventor: Mark Anderson
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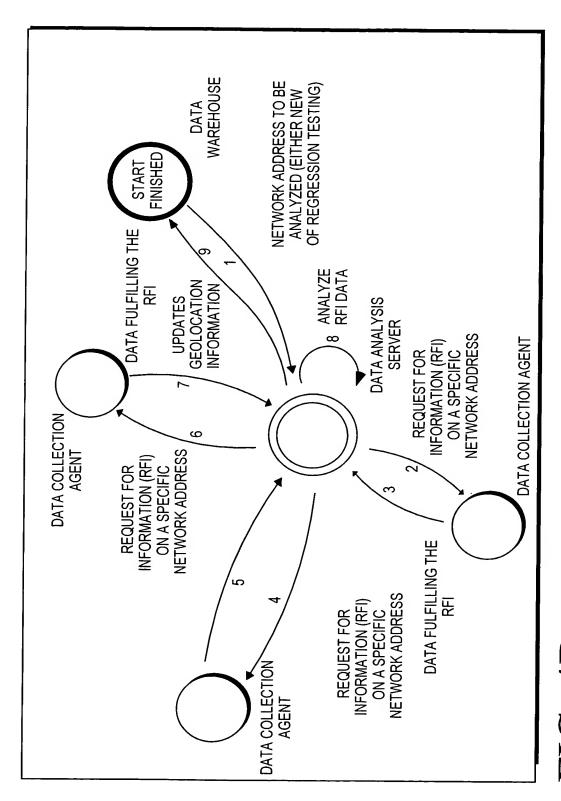


Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-820 Title: Method and System to Modify Geolocation Activities Based On Logged Query Information 1st Named Inventor: Mark Anderson (408) 947-8200

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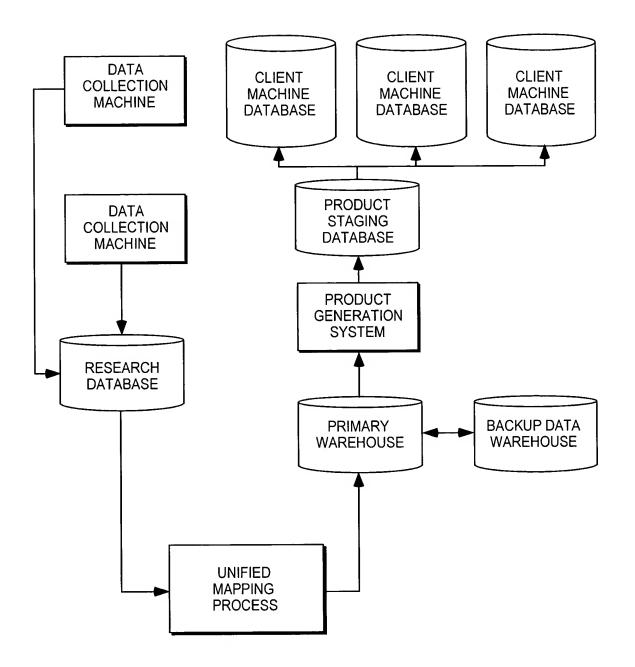


FIG. 5

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On

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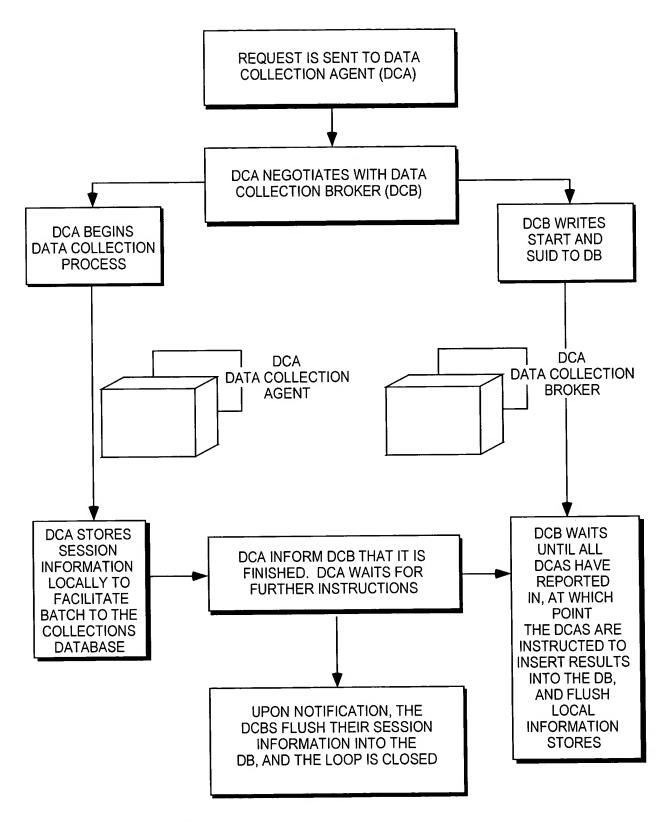


FIG. 6

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On

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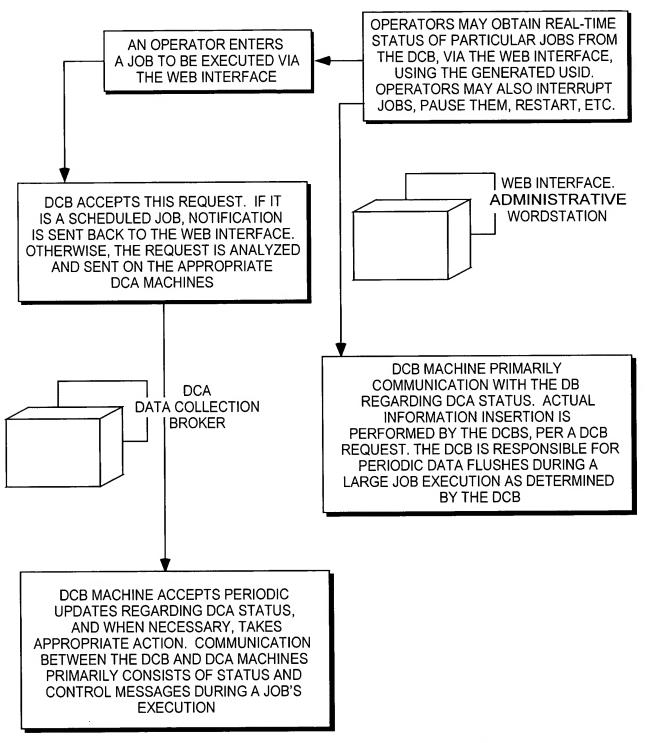
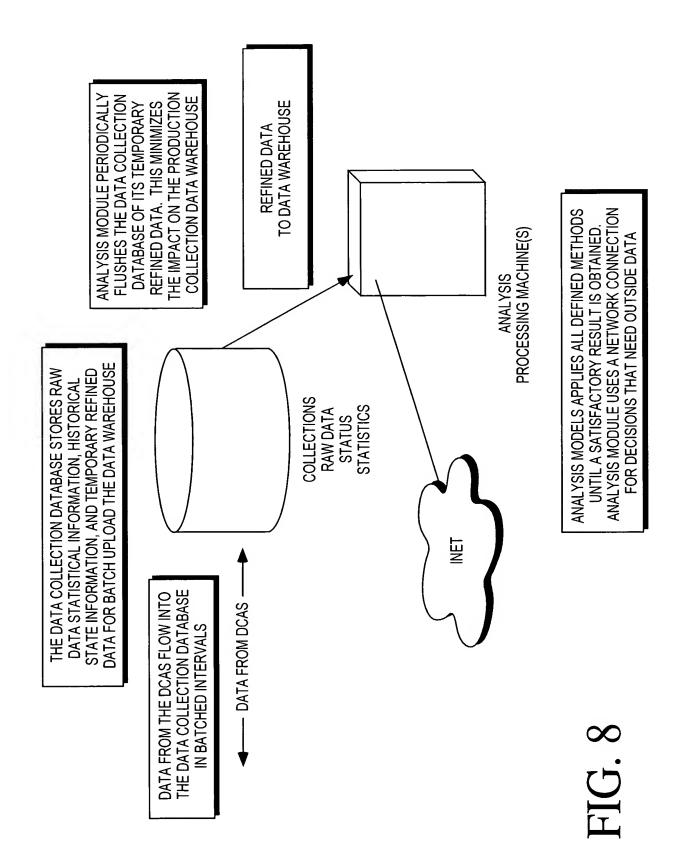


FIG. 7

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On (408) 947-8200

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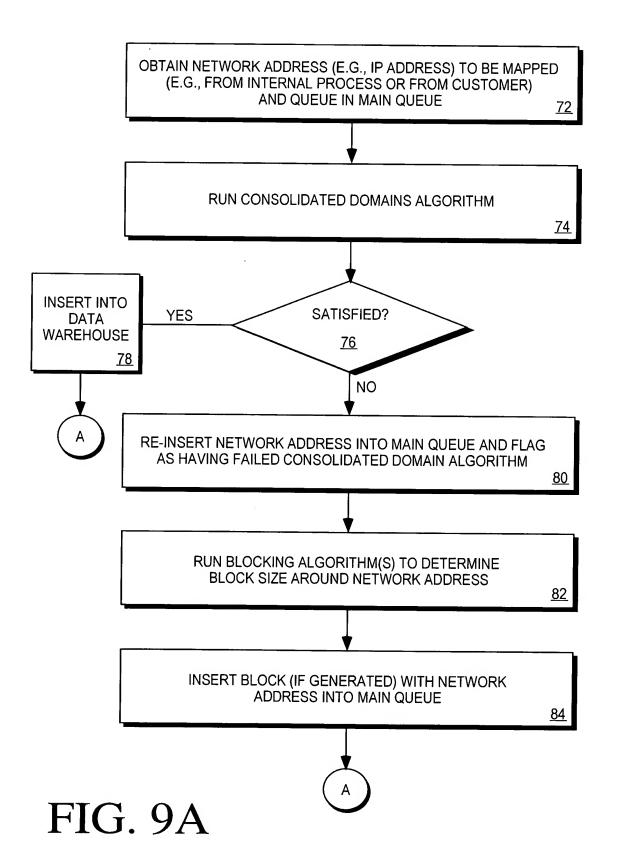
Title: Method and System to Modify Geolocation Activities Based On

Logged Query Information

1st Named Inventor: Mark Anderson Express Mail No.: EV301791184US

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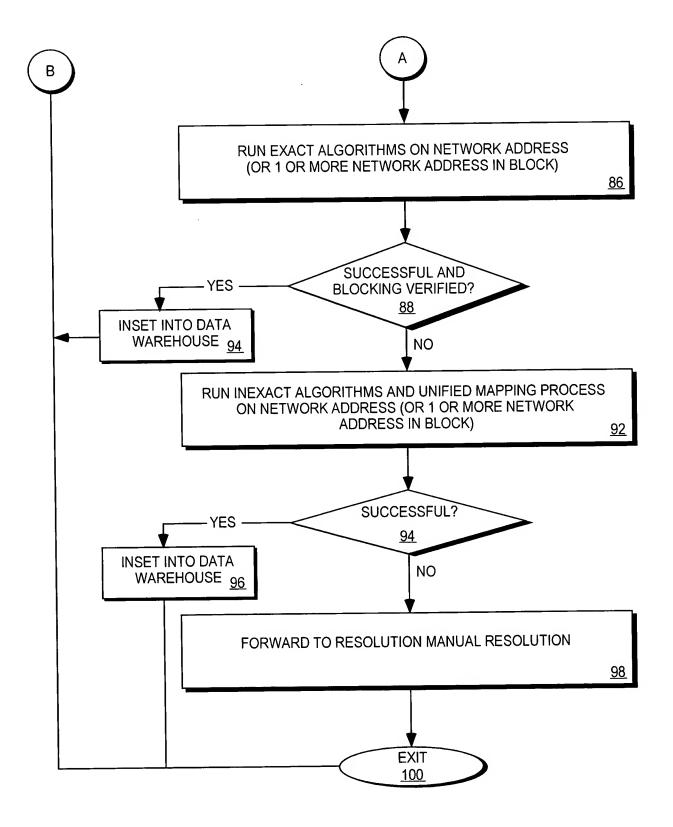


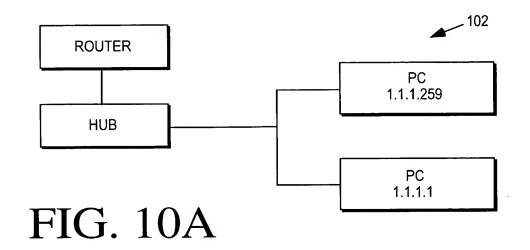
FIG. 9B

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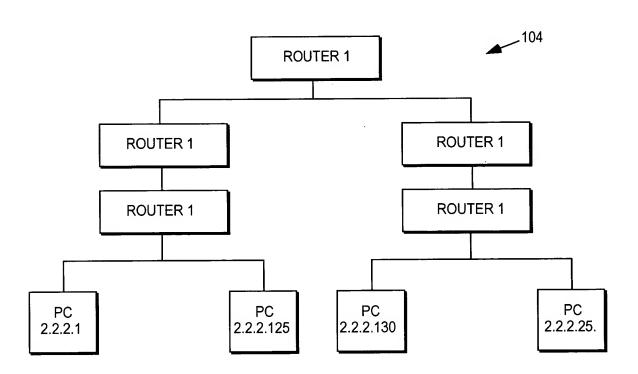
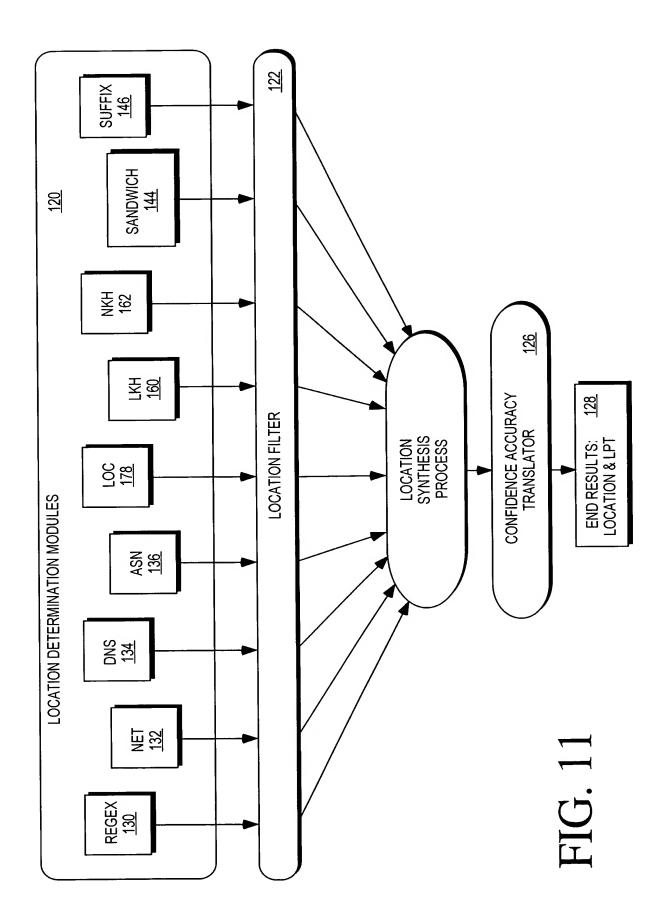


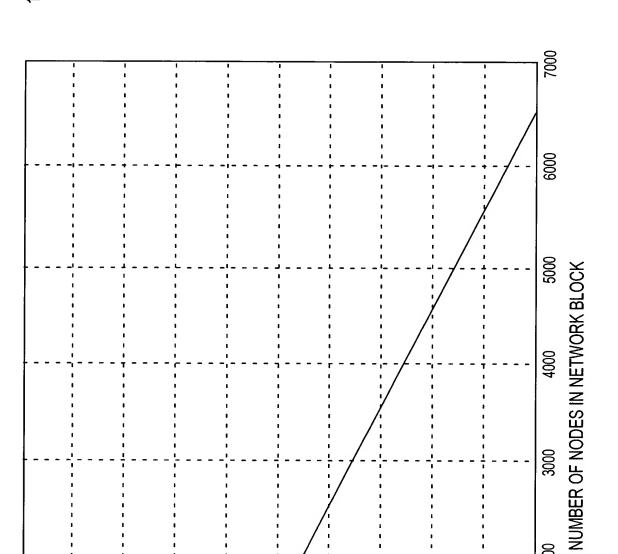
FIG. 10B

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200
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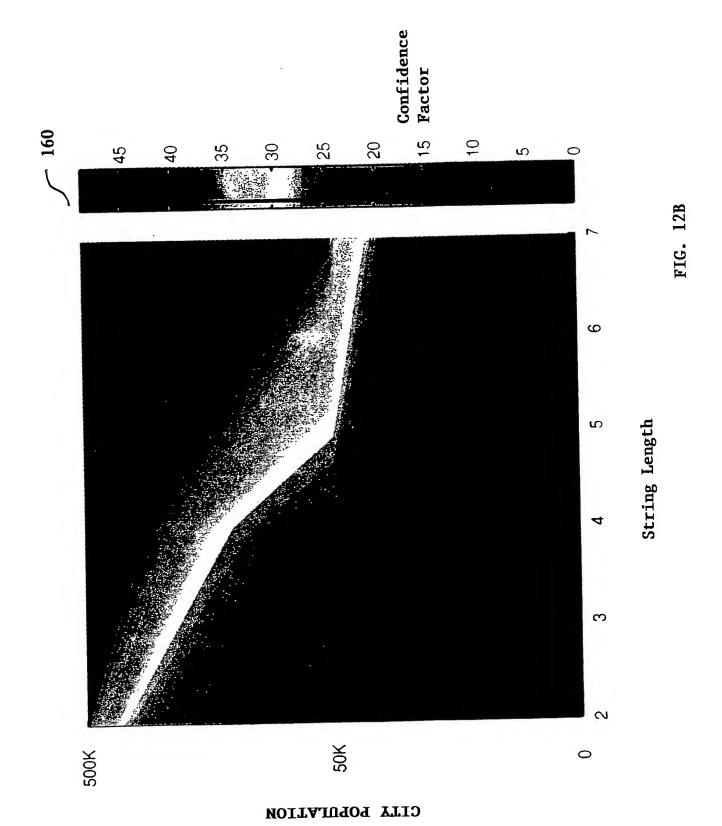


Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200
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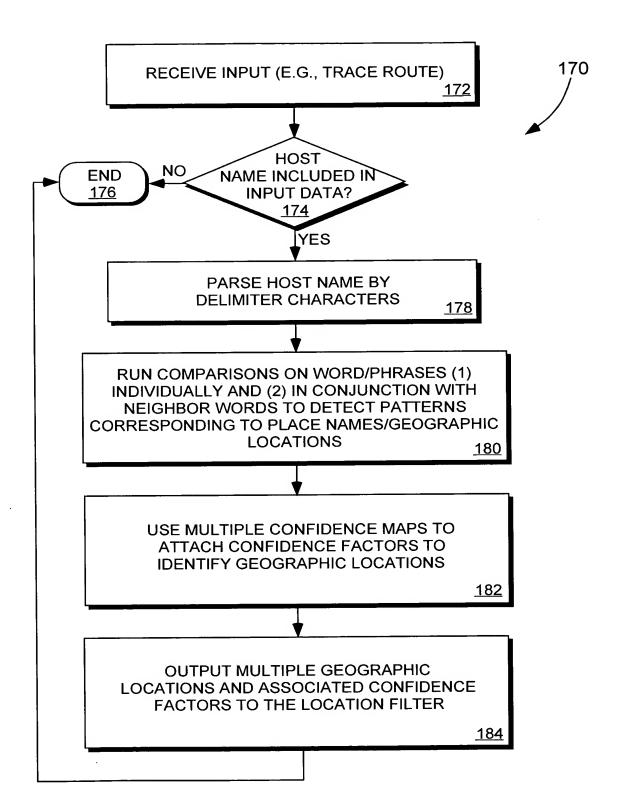
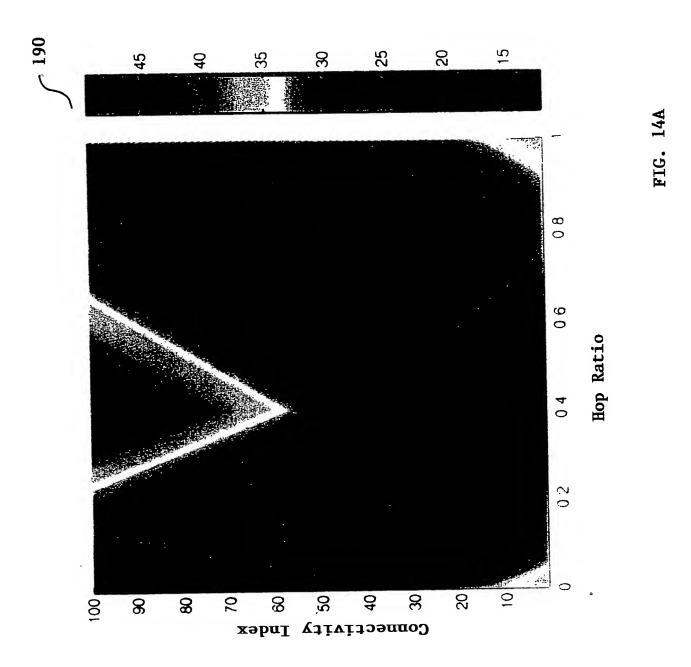


FIG. 13

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200
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192

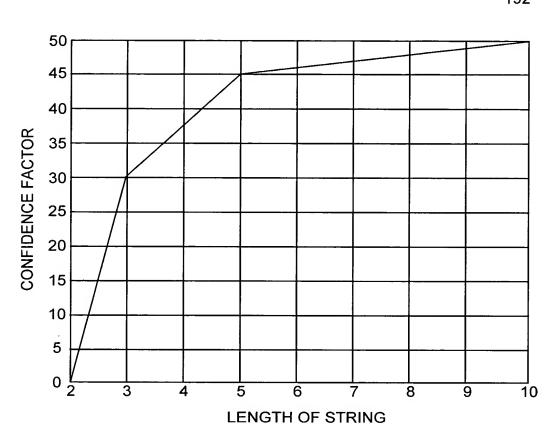


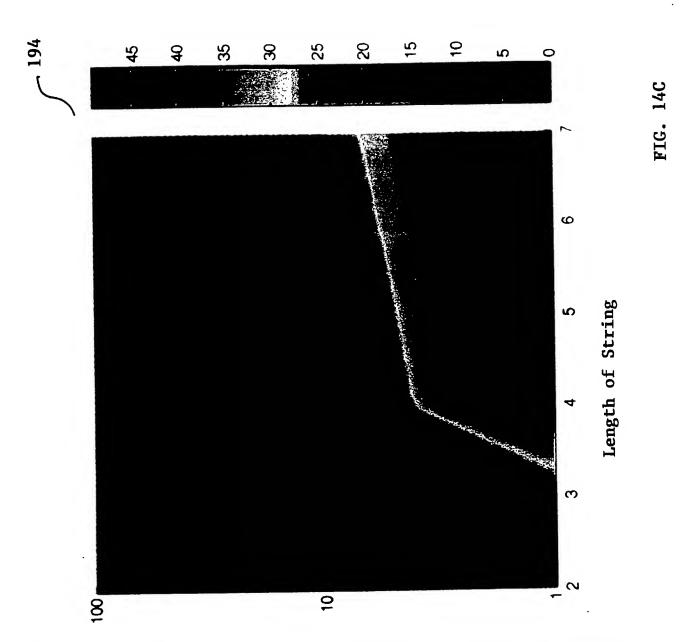
FIG. 14B

Blakely, Sokoloff, Taylor & Zafman LLP Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On

Logged Query Information
1st Named Inventor: Mark Anderson
Express Mail No.: EV301791184US

Docket No.: 4714P001C

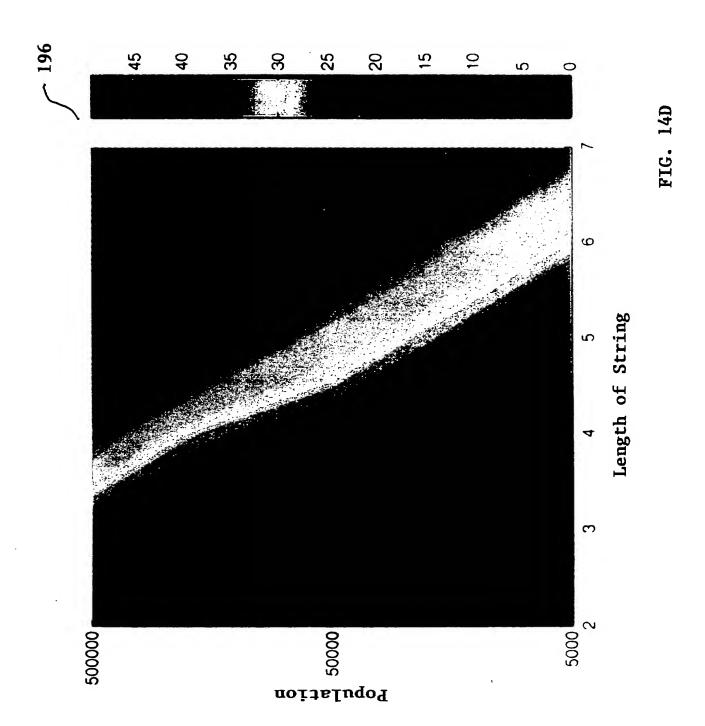
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Number of Location Determinates Generated by the String

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Logged Query Information
1st Named Inventor: Mark Anderson
Express Mail No.: EV301791184US
Docket No.: 4714P001C

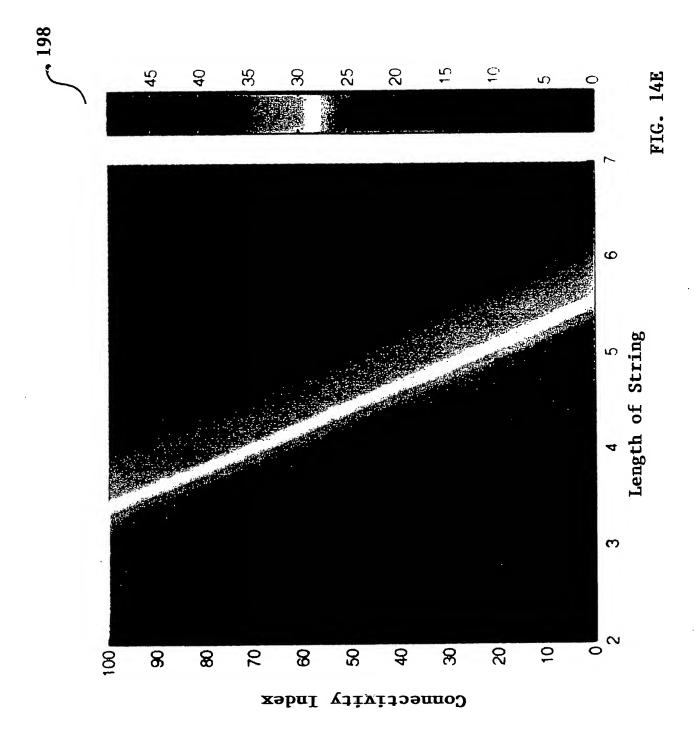
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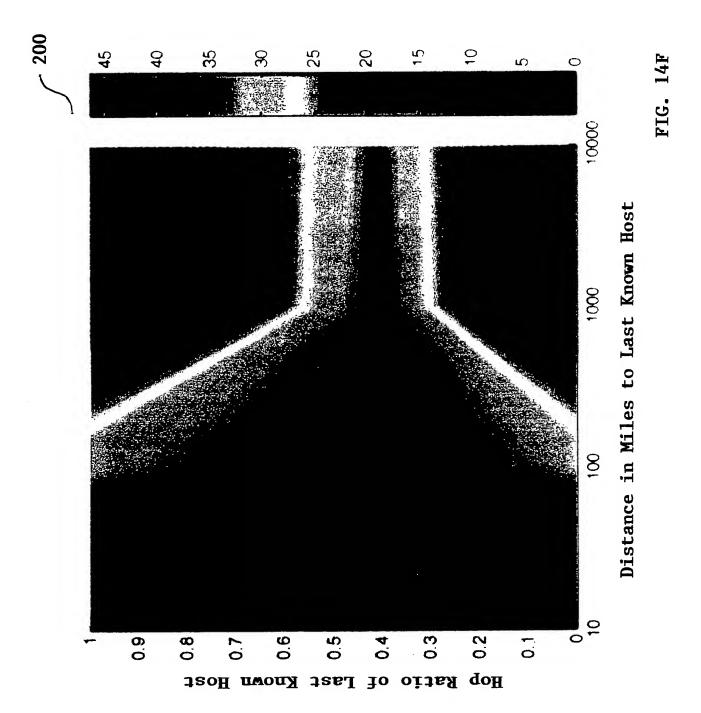
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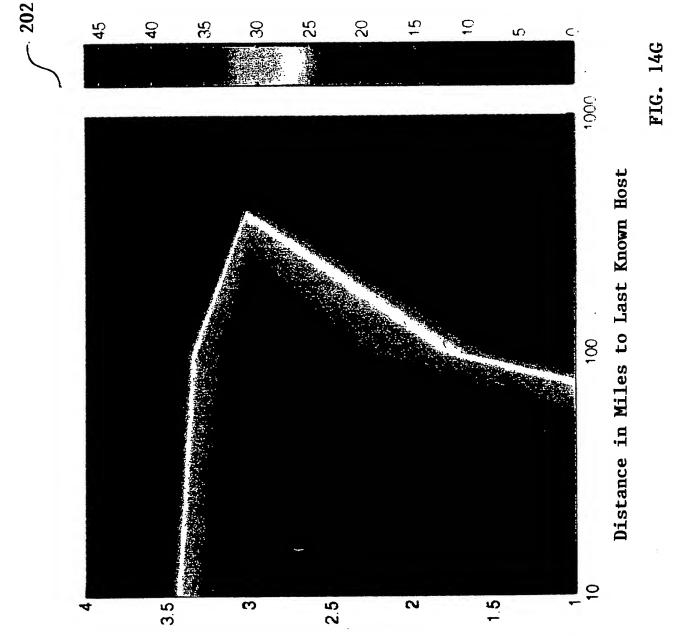
Logged Query Information
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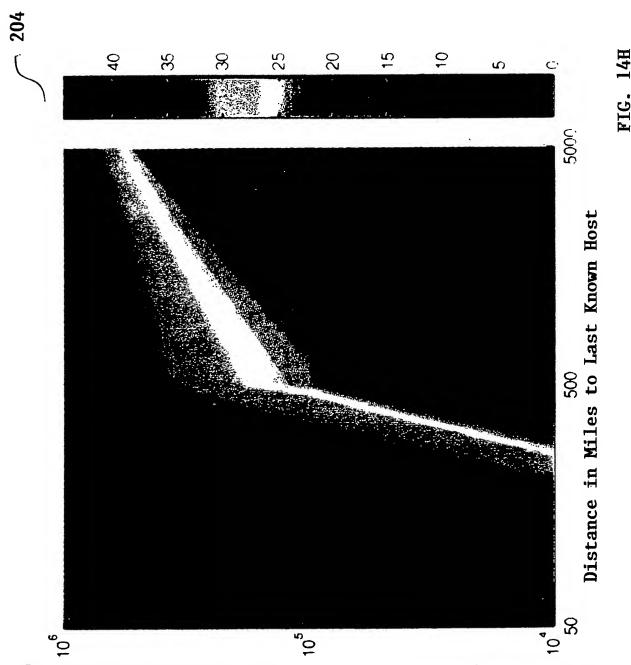


Number of Hops Between This Host and Last Known Hop

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On

Logged Query Information
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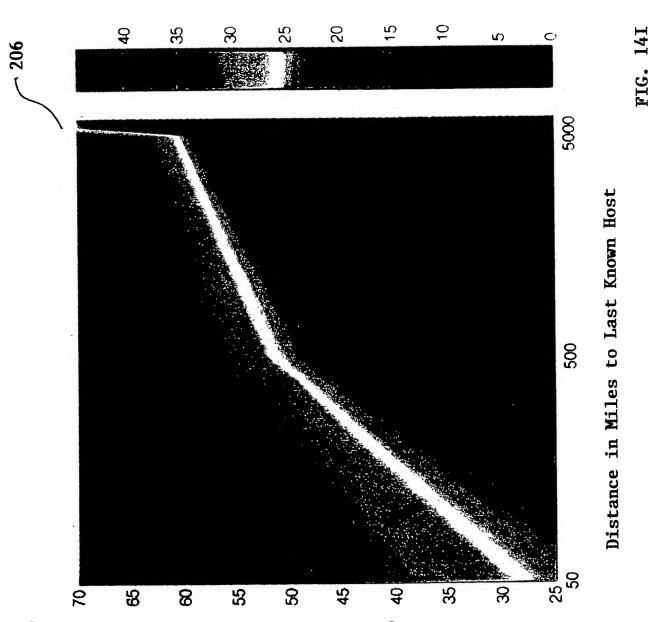


Minimum Population of This Host and Last Known Hop

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On Logged Query Information

1st Named Inventor: Mark Anderson Express Mail No.: EV301791184US

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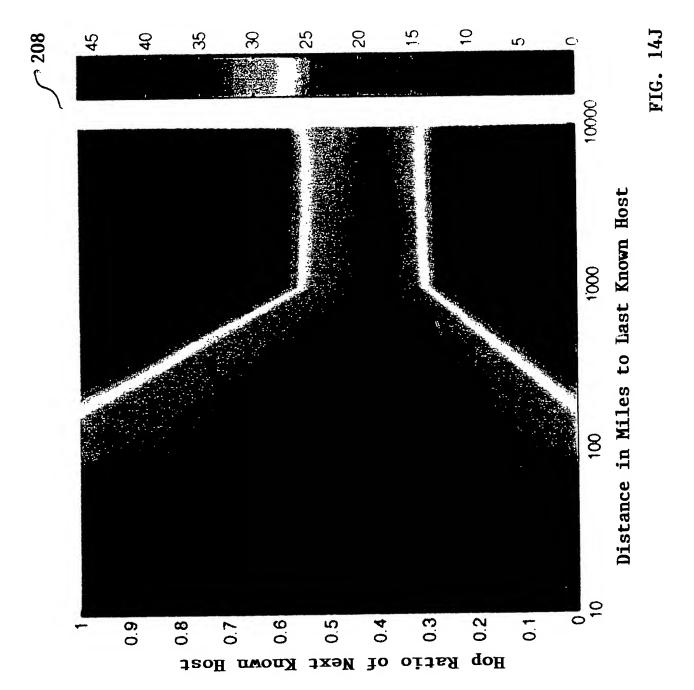


Minimum Connectivity of this Host and Last Known Hop

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On

Docket No.: 4714P001C

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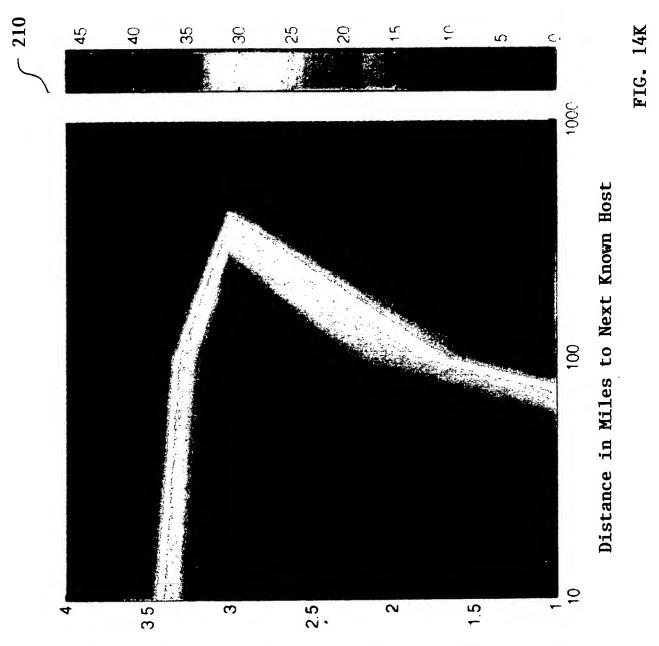


Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On

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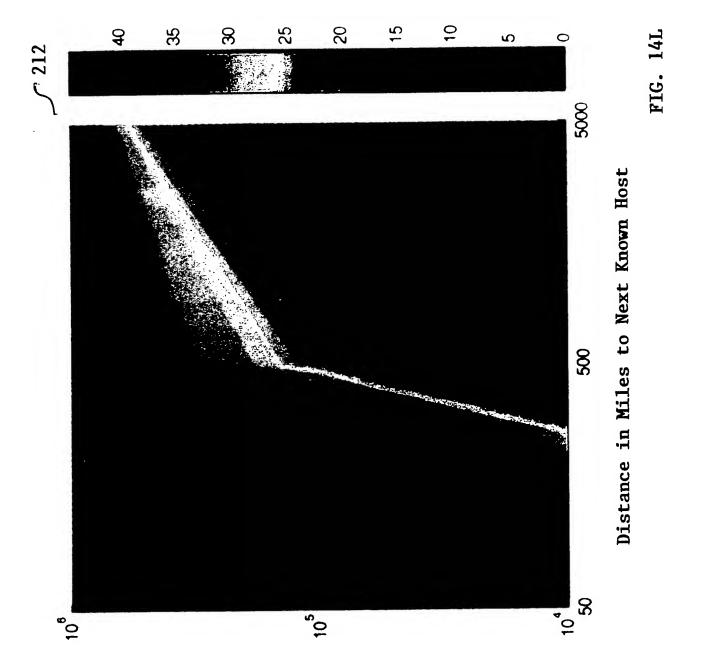
Number of Hops Between This Host and Next Know Hop

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-820 Title: Method and System to Modify Geolocation Activities Based On (408) 947-8200

Docket No.: 4714P001C

Logged Query Information

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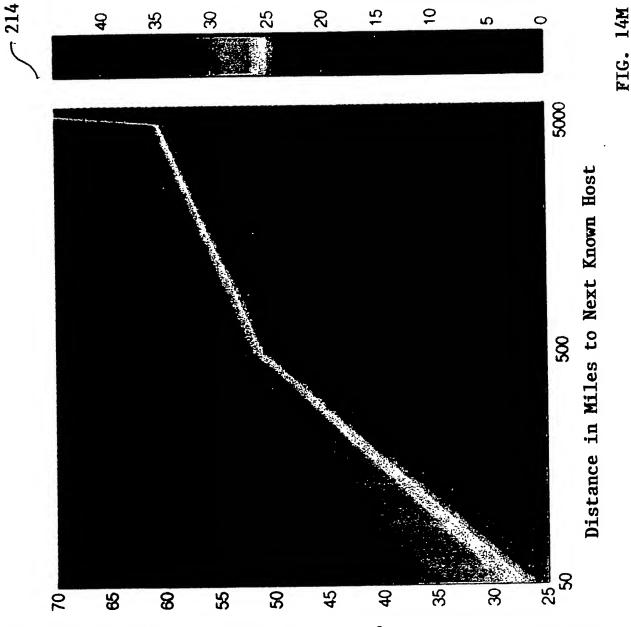
Minimum Population of This Host and Next Known Hop

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On

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Minimum Connectivity of This Host and Next Known Hop

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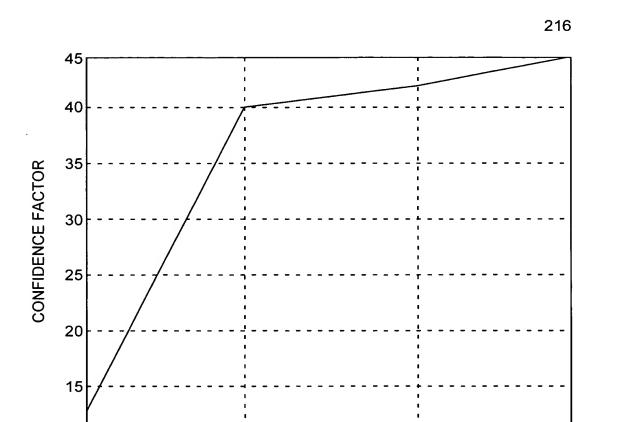


FIG. 14N

POPULATION

10⁶

_ 10⁷

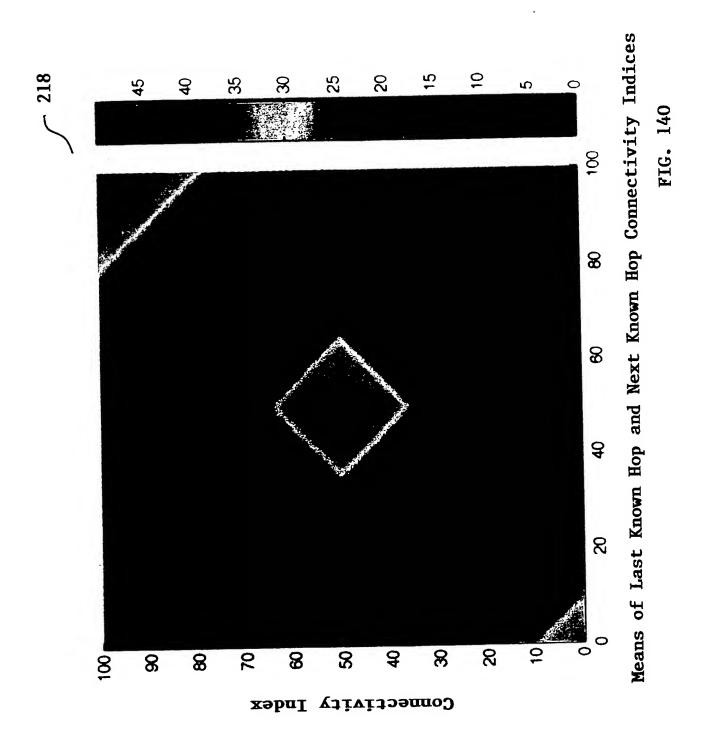
10⁵

10 10⁴ Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and System to Modify Geolocation Activities Based On

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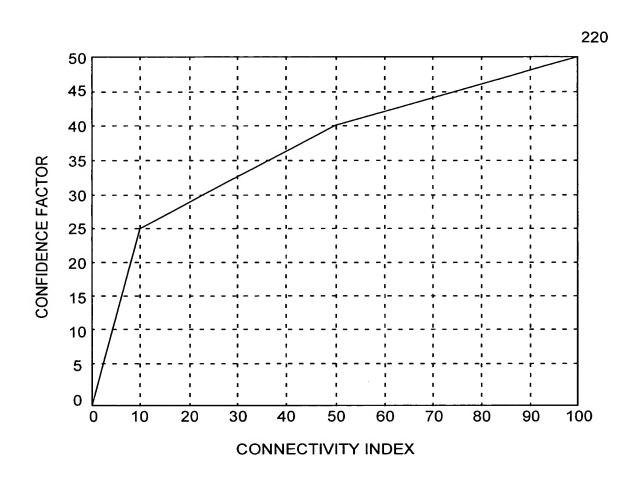


FIG. 14P

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-820 Title: Method and System to Modify Geolocation Activities Based On Logged Query Information (408) 947-8200

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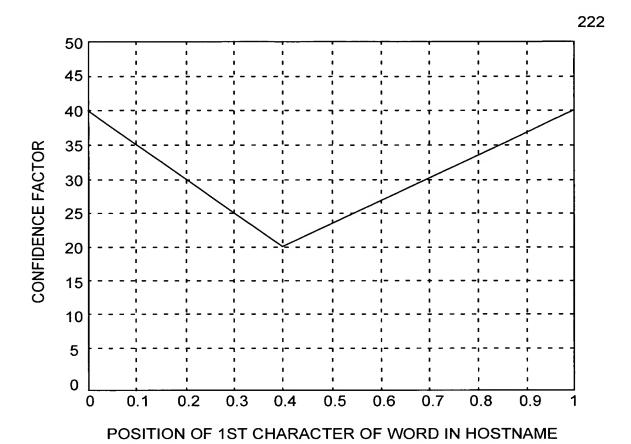


FIG. 14Q

(408) 947-8200 Blakely, Sokoloff, Taylor & Zafman LLP Title: Method and System to Modify Geolocation Activities Based On **Logged Query Information**

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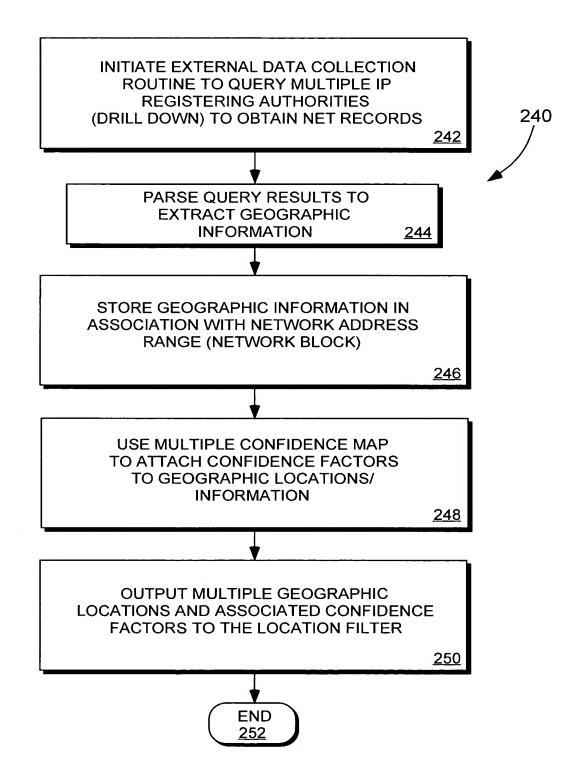
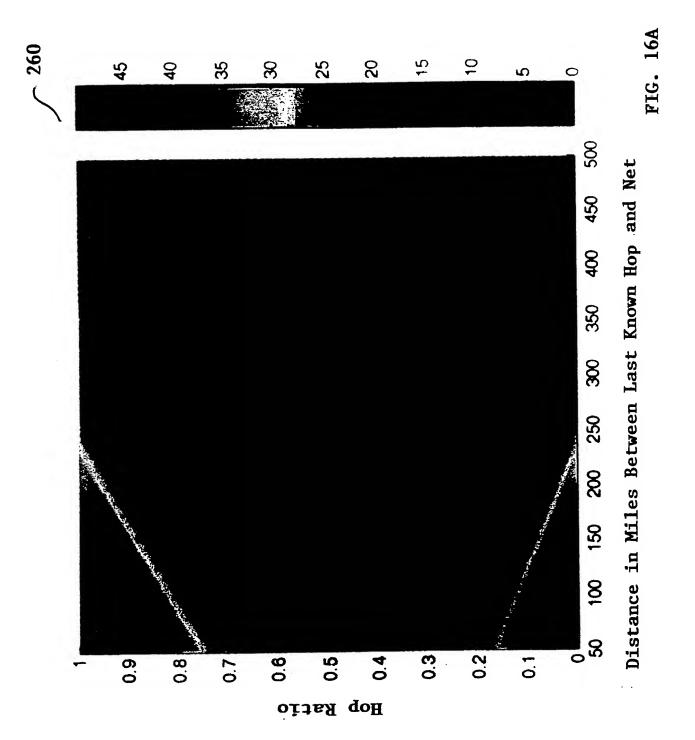


FIG. 15

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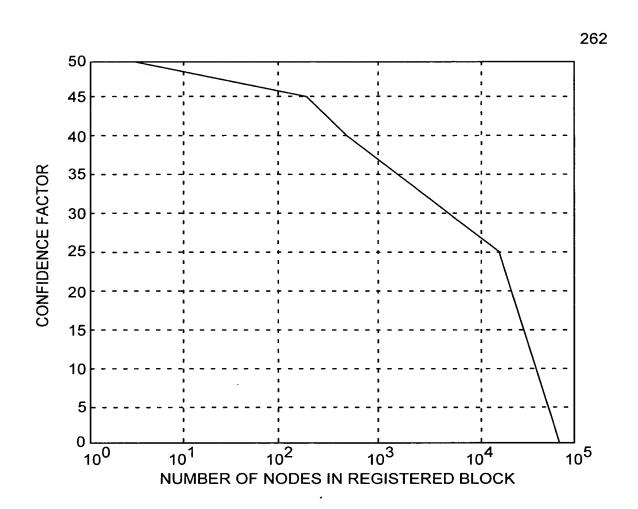


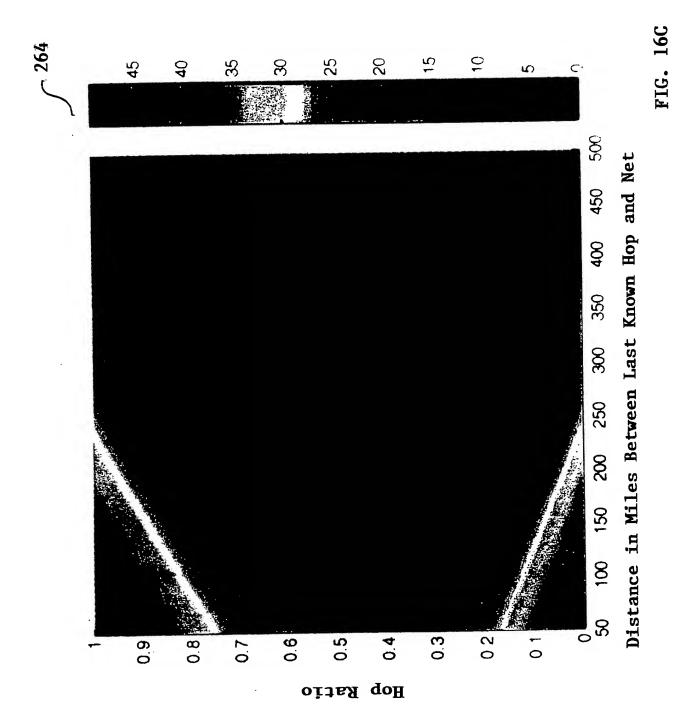
FIG. 16B

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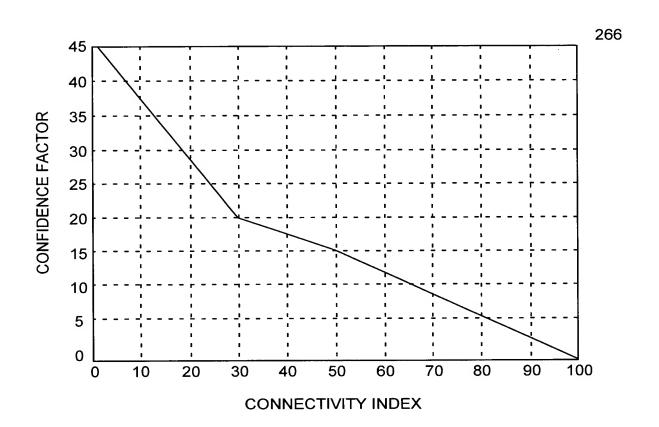


FIG. 16D

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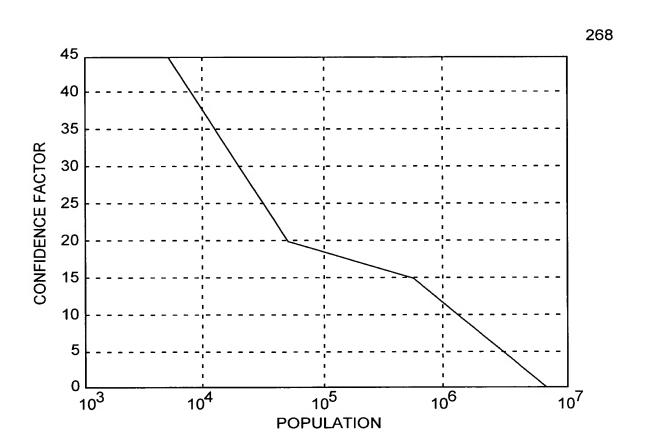


FIG. 16E

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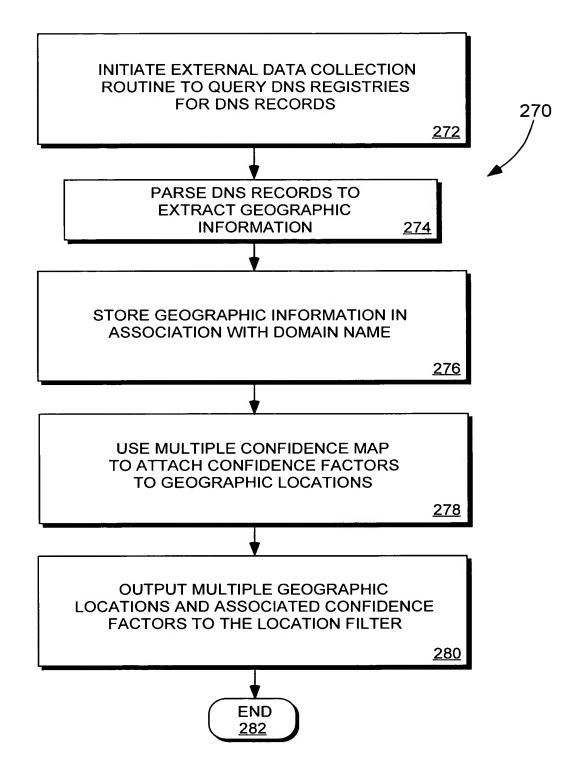


FIG. 17

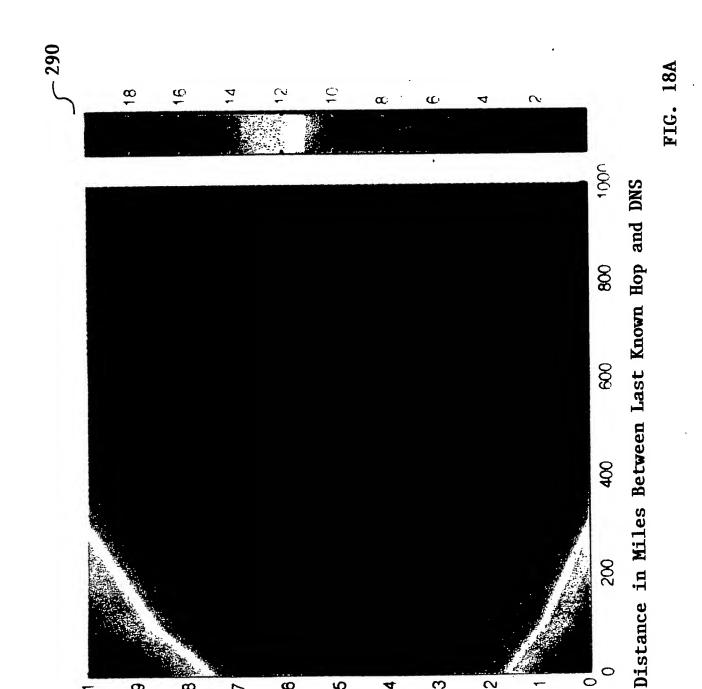
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0



Hop Ratio

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07

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0

0.3

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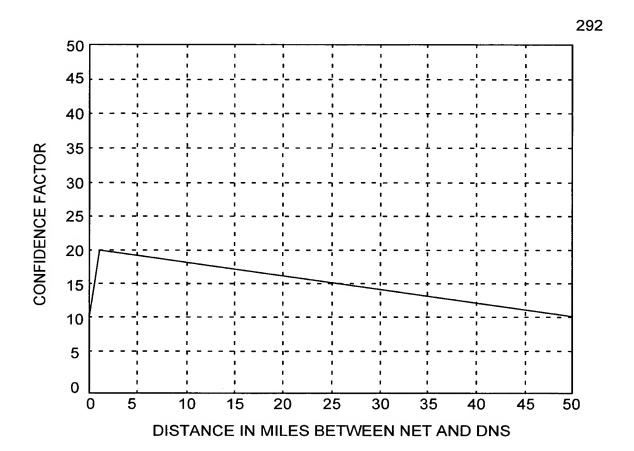
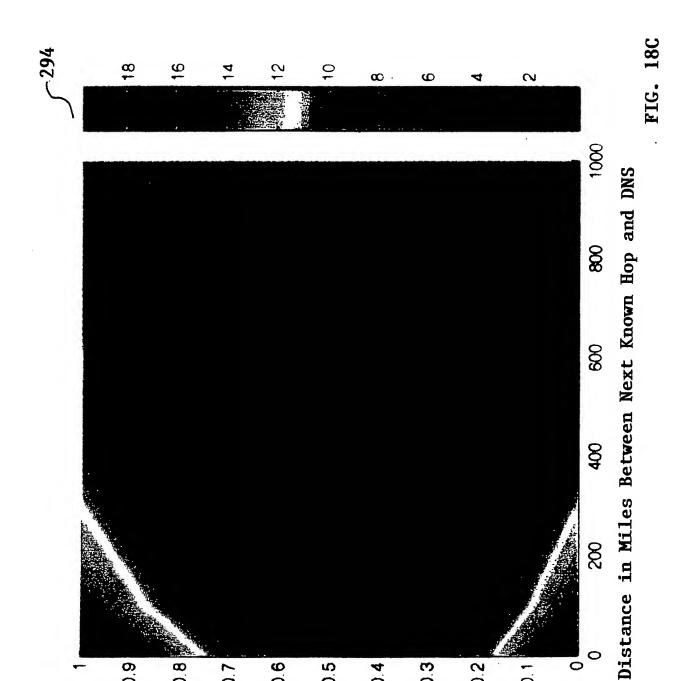


FIG. 18B

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0.5

Hop Ratio

9

Ö

0.4

0.0

8

Ö

Ö

0.3

0.5

0

0

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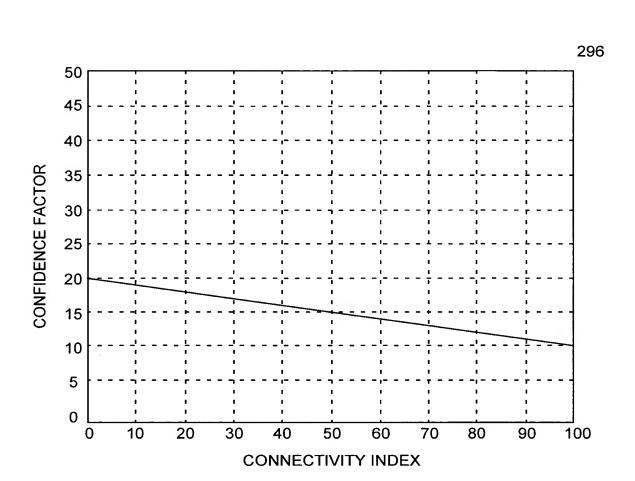


FIG. 18D

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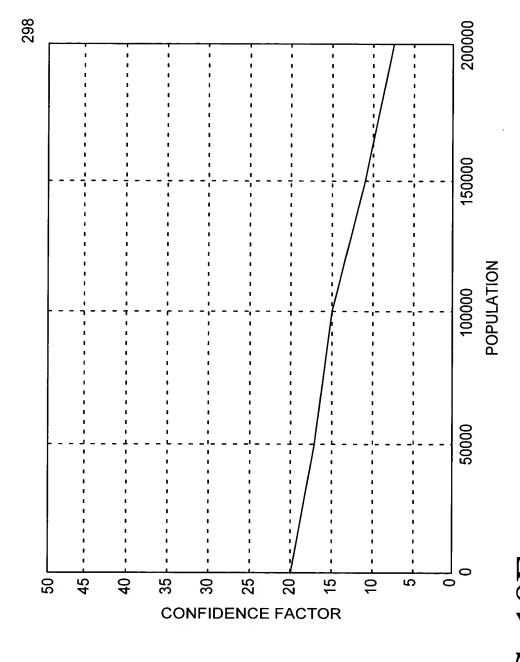
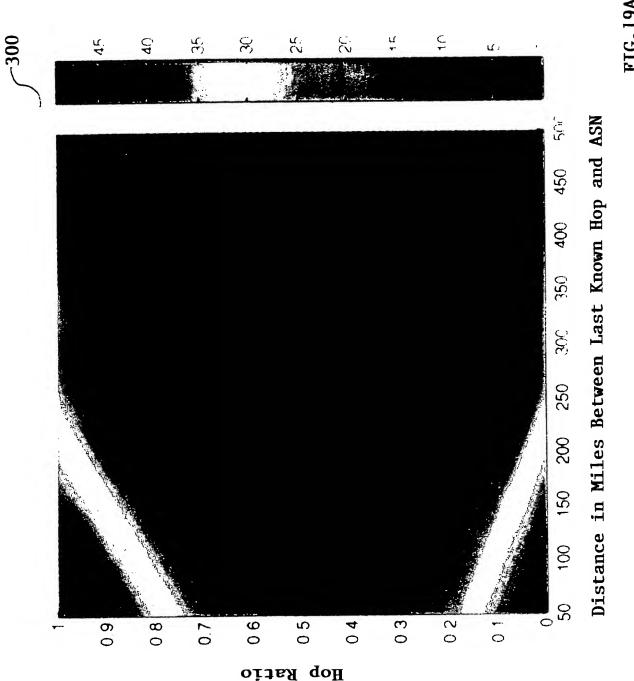


FIG. 18E

1st Named Inventor: Mark Anderson Express Mail No.: EV301791184US

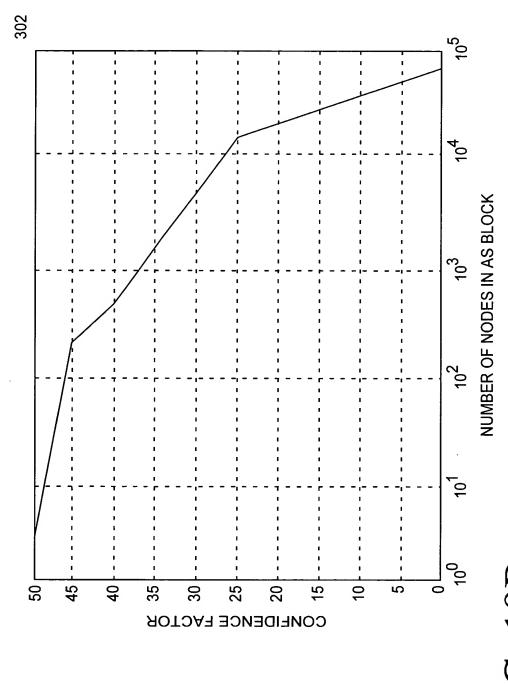
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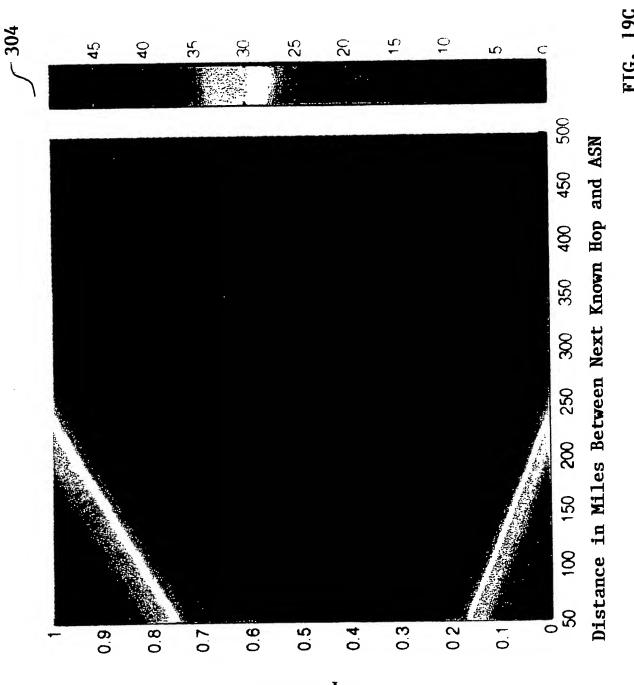
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Hop Ratio

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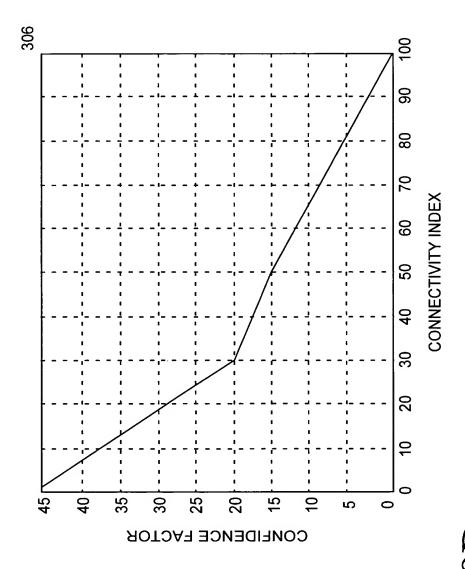
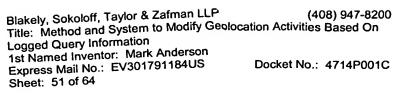


FIG. 19D





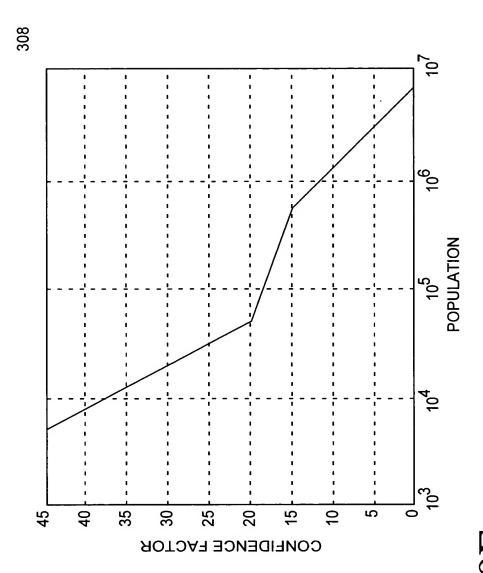


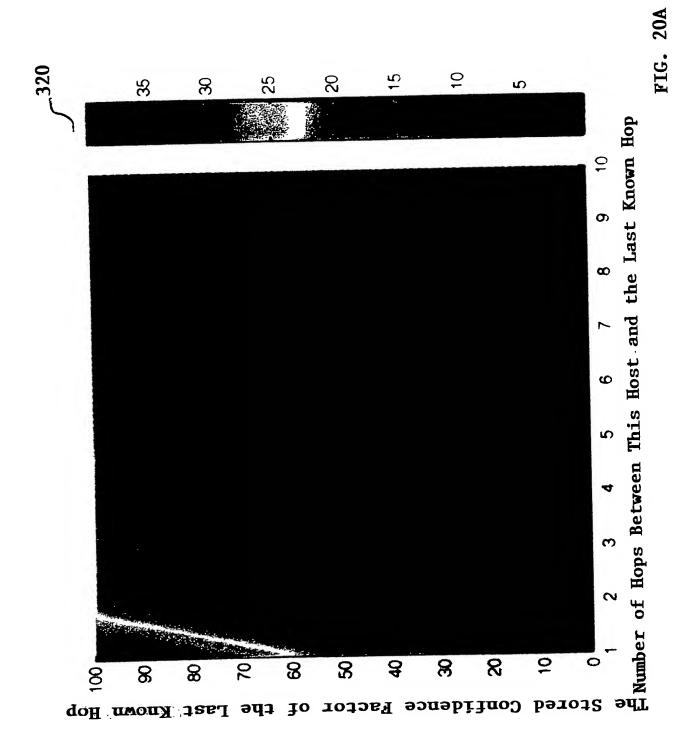
FIG. 19E

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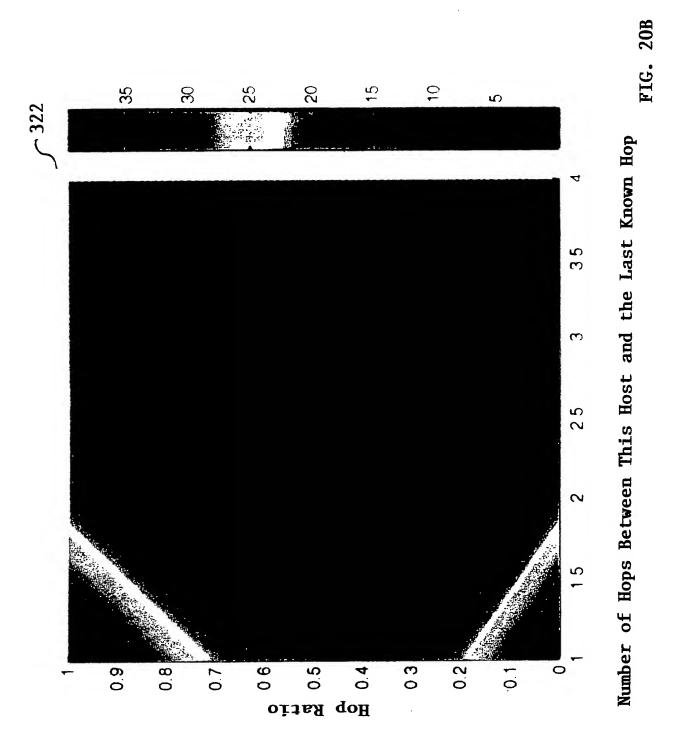
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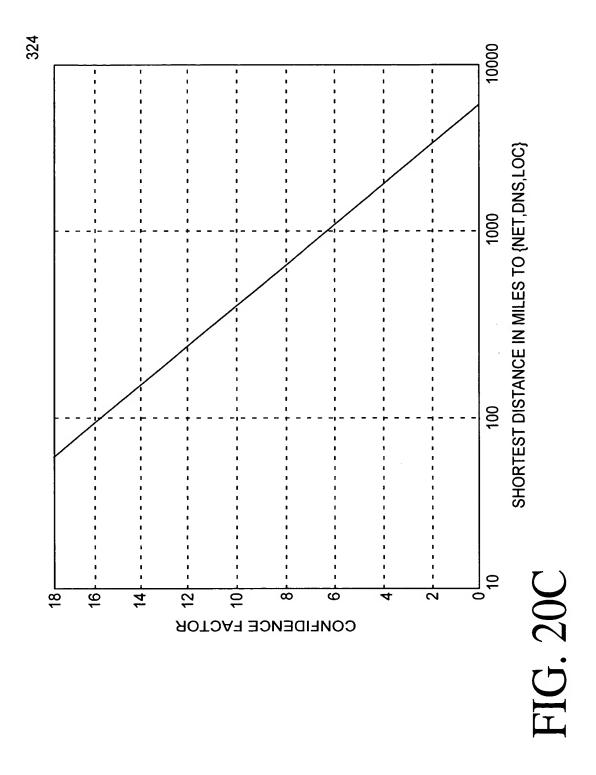
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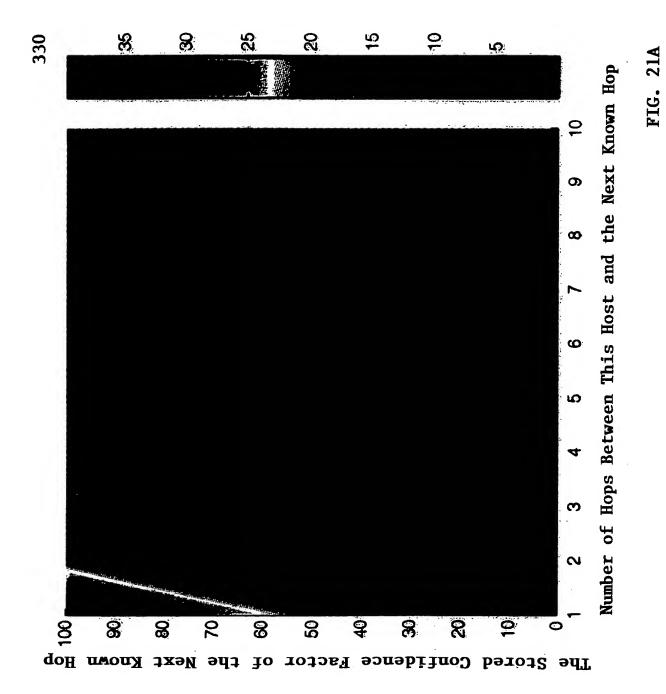
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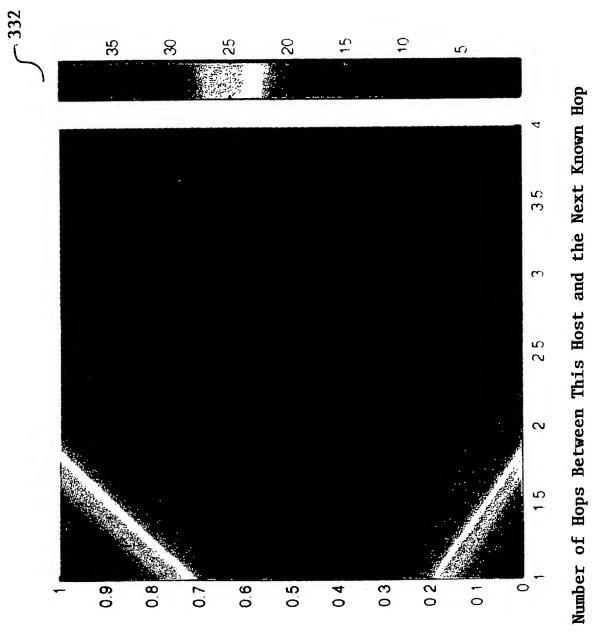
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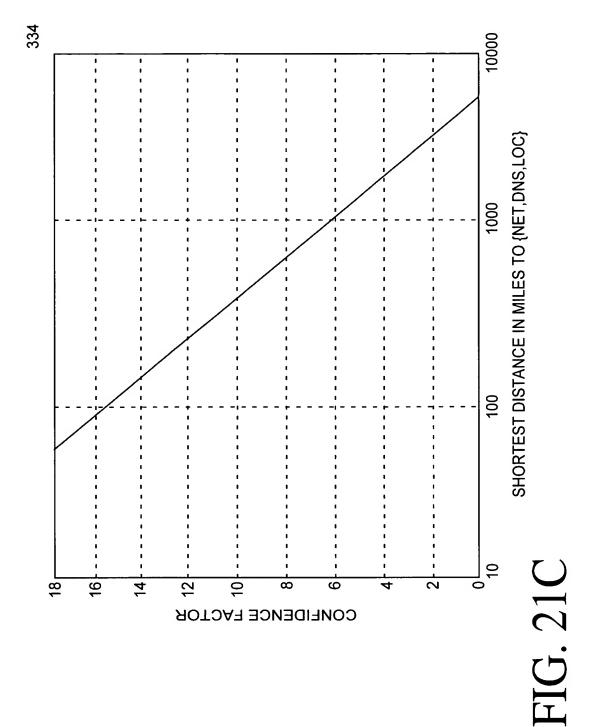


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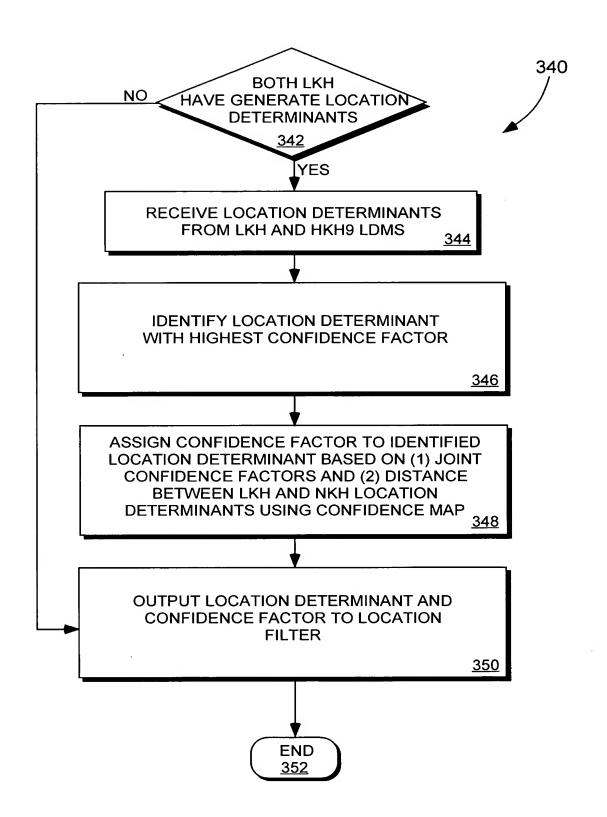


FIG. 22

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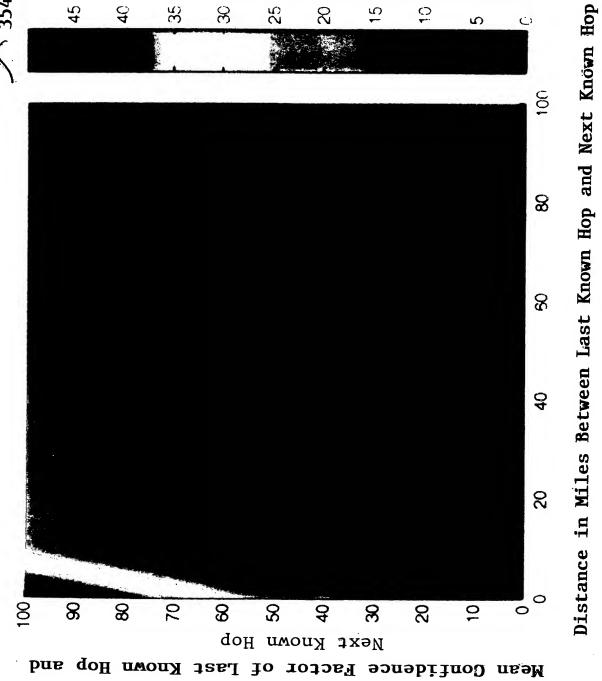


FIG. 23

RUN HIGH ACCURACY LDM (E.G, SUFFIX LDM) TO 360 GENERATE FILTER LOCATION DETERMINANT AND ASSOCIATED CONFIDENCE FACTOR 362 DELIVER FILTER LOCATION DETERMINANT AND CONFIDENCE FACTOR TO FILTER BROKER <u>364</u> FILTER PROCESS DETERMINANT WHATEVER FILTER LOCATION DETERMINANT IS STATE/ROUTINE COUNTRY <u>366</u> FILTER PROCESS INTERCEPTS MULTIPLE LOCATION DETERMINANT OUTPUTTED BY COLLECTION OF LDMS AND CHECK EACH LOCATION DETERMINANT FOR AGREEMENT WITH FILTER LOCATION DETERMINANT 368 REMOVE FROM ADD TO INPUT INPUT STACK STACK FOR FOR LOCATION NO SUFFICIENT LOCATION YES **SYNTHESIS** AGREEMENT? **SYNTHESIS PROCESS PROCESS** 374 372

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FIG. 24

Sheet: 61 of 64 380 **COMPARE LOCATION DETERMINANTS** AGAINST EACH OTHER <u>382</u> **BUILD CONFIRMATION CONFIDENCE FACTOR TABLE** 384 COLLAPSE SEPARATE CONFIDENCE **FACTOR INTO A COMBINED CONFIDENCE FACTOR** <u> 386</u> **IDENTIFY LOCATION DETERMINANT** THAT HAS HIGHEST DEGREE OF CONFIDENCE FACTOR-WEIGHED AGREEMENT WITH ALL OTHER LOCATION DETERMINANTS <u>388</u> **END**

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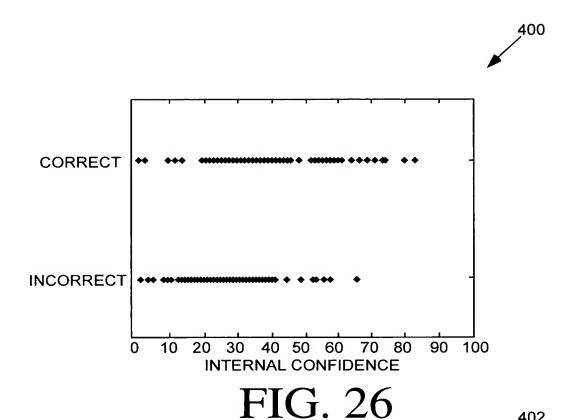
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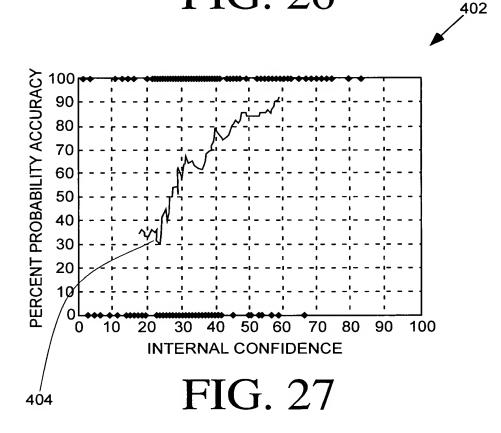
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FIG. 25

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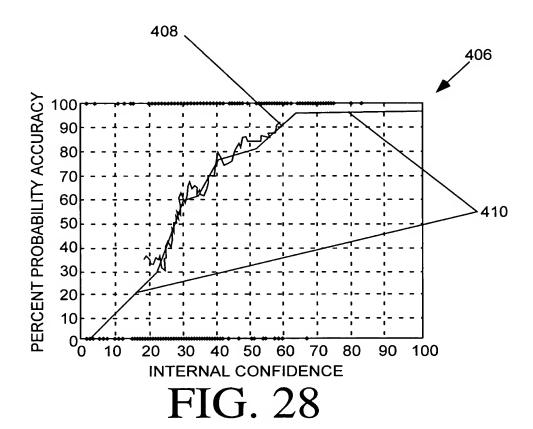


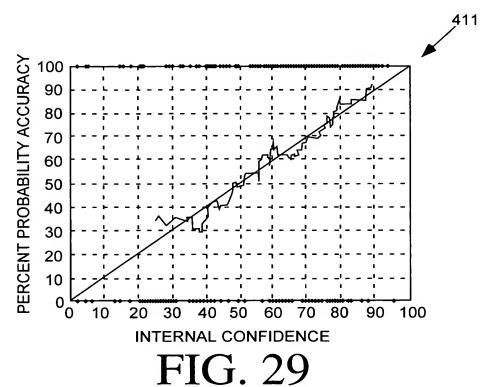


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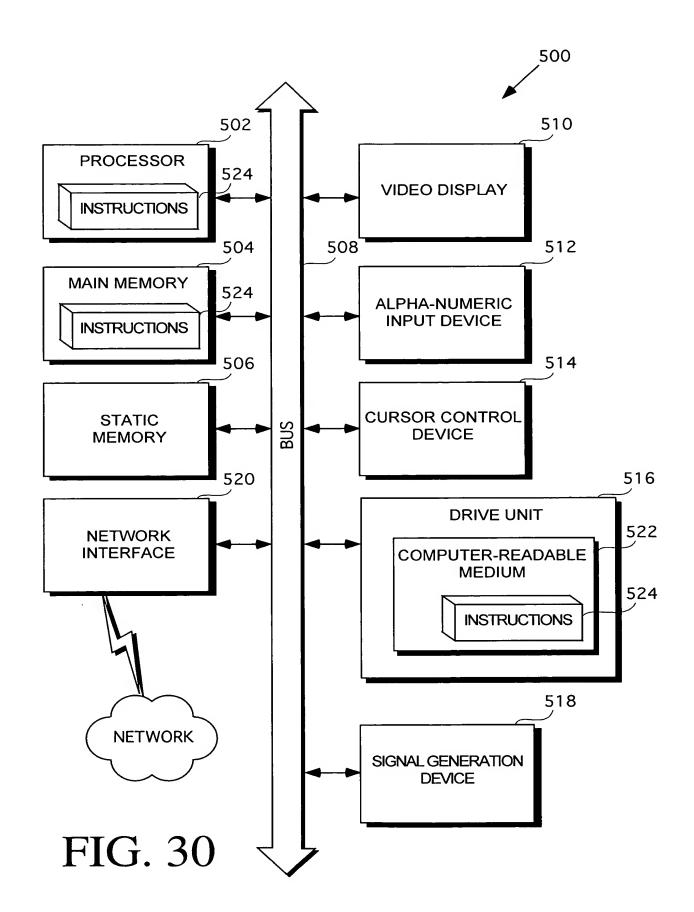


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